

=> fil reg

FILE 'REGISTRY' ENTERED AT 09:15:03 ON 07 MAY 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 MAY 2003 HIGHEST RN 511508-58-0

DICTIONARY FILE UPDATES: 6 MAY 2003 HIGHEST RN 511508-58-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d ide can l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 9005-25-8 REGISTRY

CN **Starch (8CI, 9CI)** (CA INDEX NAME)

OTHER NAMES:

CN .alpha.-Starch

CN Absorbo HP

CN Ace P 320

CN Actobody TP 2

CN Aeromyl 115

CN Agglofroid 009

CN Agglofroid 313E

CN Allbond 200

CN Alphajel KS 37

CN Alstar B

CN Amaizo 100

CN Amaizo 213

CN Amaizo 310

CN Amaizo 5

CN Amaizo 71

CN Amaizo 710

CN Amaizo W 13

CN Amalean I-A 2131

CN Amalean I-A 7081

CN Amicoa

CN Amidex 3005

CN Amidex 4001

CN Amido-STA 1500

CN Amigel

CN Amigel 12014

CN Amigel 30076

CN Amijel VA 160

CN Amilys 100

CN Amycol HF

CN Amycol W

CN Amylogum

CN Amylomaize starch

CN Amylomaize VII

Jan Delaval  
Reference Librarian  
Biotechnology & Chemical Library  
CM1 1E07 - 703-308-4498  
[jan.delaval@uspto.gov](mailto:jan.delaval@uspto.gov)

CN Amylon 70  
CN Amylose, mixt. with amylopectin  
CN Amylox 1  
CN Amylum  
CN Amyren 14  
CN Amyren 71  
CN Amysil K  
CN Amyzet TK  
CN Argo Corn Starch  
CN Arrowroot starch  
CN AS 225  
CN AS 225 (starch)  
CN Atomyl  
CN Aytex P  
CN B 200  
CN B 200 (polysaccharide)  
CN Bakeup YT 10

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DEF A high-polymeric carbohydrate material primarily composed of amylopectin  
and amylose. It is usually derived from cereal grains such as corn, wheat  
and sorghum, and from roots and tubers such as potatoes and tapioca. It  
includes starch which has been pregelatinized by heating in the presence  
of water.

DR 9057-05-0, 53262-79-6, 131800-97-0, 60496-95-9, 67674-80-0, 75138-75-9,  
75398-82-2, 154636-77-8, 152987-55-8, 85746-25-4, 42616-76-2, 53112-52-0

MF Unspecified

CI COM, MAN

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMLIST, CIN, CSCHM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT,  
IFIUDB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA,  
PROMT, RTECS\*, TOXCENTER, USAN, USPAT2, USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

56963 REFERENCES IN FILE CA (1957 TO DATE)

6151 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

57068 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1: 138:293419

REFERENCE 2: 138:292805

REFERENCE 3: 138:292793

REFERENCE 4: 138:292775

REFERENCE 5: 138:292771

REFERENCE 6: 138:292758

REFERENCE 7: 138:292750

REFERENCE 8: 138:292746

REFERENCE 9: 138:292744

REFERENCE 10: 138:292589

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L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 9037-22-3 REGISTRY

CN **Amylopectin (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN Amaizo 839

CN Amioca

CN Amioca WCS

CN C\*Pharm 12018

CN Cato 225

CN Cato 240

CN Cato 270

CN Cerestar SF 04201

CN Farinex WM 85

CN Film Kote 54

CN Honen Alpha Waxy Starch

CN Kosol

CN Pectin, amylo

CN Starch, waxy

CN Ultraamylopectin N

CN Ultrasperse A

CN Waxy-7350

CN Waxy Alpha Y

CN Waxy corn starch

CN Waxy maize starch

CN Waxy starch

CN WCS

DR 9050-86-6, 189047-96-9

MF Unspecified

CI PMS, COM, MAN

PCT Manual registration, Polyother, Polyother only

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT, PIRA, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

2786 REFERENCES IN FILE CA (1957 TO DATE)

202 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2794 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1: 138:292771

REFERENCE 2: 138:286478

REFERENCE 3: 138:286444

REFERENCE 4: 138:286256

REFERENCE 5: 138:286255

REFERENCE 6: 138:283313

REFERENCE 7: 138:276257

REFERENCE 8: 138:276256

REFERENCE 9: 138:276255

REFERENCE 10: 138:270689

L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 9005-82-7 REGISTRY

CN **Amylose (8CI, 9CI)** (CA INDEX NAME)

OTHER NAMES:

CN .alpha.-Amylose

CN Amylose EX 1

CN AS 10

CN AS 110

CN AS 30

CN AS 30 (carbohydrate)

CN AS 320

CN AS 5

CN AS 70

CN EX-I

CN Polyamylose

CN San Super 240L

CN V Amylose

DR 9051-21-2, 9060-22-4, 37243-82-6

MF Unspecified

CI PMS, COM, MAN

~~PCT Manual registration, Polyether, Polyether-only~~

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, DIOGENES, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL, VTB

Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

4690 REFERENCES IN FILE CA (1957 TO DATE)

447 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4705 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1: 138:292580

REFERENCE 2: 138:292559

REFERENCE 3: 138:292531

REFERENCE 4: 138:286478

REFERENCE 5: 138:286474

REFERENCE 6: 138:286451

REFERENCE 7: 138:286444

REFERENCE 8: 138:286248

REFERENCE 9: 138:276329

REFERENCE 10: 138:276257

=> d his

(FILE 'HOME' ENTERED AT 07:51:42 ON 07 MAY 2003)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 07:51:54 ON 07 MAY 2003

L1 1 S STARCH/CN

L2 2 S (AMYLOSE OR AMYLOPECTIN)/CN

FILE 'HCAPLUS' ENTERED AT 07:52:07 ON 07 MAY 2003

L3 57064 S L1  
 L4 6016 S L2  
 L5 137282 S ?STARCH?  
 L6 12088 S AMYLOSE OR AMYLOPECTIN  
 L7 139264 S L3,L5  
 L8 12522 S L4,L6  
 L9 57409 S ?POTATO?  
 L10 8215 S (SOLANUM OR S) ( )TUBEROSUM  
 E POTATO/CT  
 L11 14247 S E3  
 E E28+ALL  
 L12 24586 S E16,E17,E15,E22-E27,E40-E43  
 L13 57569 S L9-L12  
 L14 13752 S L7 AND L13  
 L15 2021 S L8 AND L13  
 L16 13985 S L14,L15  
 L17 2635 S L16 AND ?CATION?  
 L18 79 S L17 AND (?CROSSLINK? OR ?CROSS LINK?)  
 E CROSSLINK/CT  
 L19 216 S E19  
 E E15+ALL  
 L20 48735 S E2  
 E E8+ALL  
 L21 778 S E1  
 E E2+ALL  
 E E9+ALL  
 L22 31234 S E3  
 E E9+ALL  
 E E10+ALL  
 L23 16055 S E3  
 E E11+ALL  
 E E11+ALL  
 L24 678 S E4,E3  
 E E9+ALL  
 E E12+ALL  
 L25 4348 S E3,E2+NT  
 L26 17 S L17 AND L19-L25  
 L27 79 S L18,L26  
 L28 24 S L27 AND (RHEOLOG? OR TENSILE STRENGTH OR BEHAVIOR OR FIBERBOA  
 L29 18 S L27 AND (CHEMICAL MODIFICATION OR MICROPARTICLE OR ADHESIVE O  
 L30 41 S L28,L29  
 SEL DN AN 1 5 7 11 12 17 18 24 25 26 30 31 37 40  
 L31 14 S L30 AND E1-E40  
 L32 309 S L16 AND ADHESIV?  
 L33 139 S L16 AND FLOCCUL?  
 L34 197 S L16 AND COAGUL?  
 L35 1 S L16 AND PERSONAL CARE  
 E COSMETIC/CT  
 L36 38857 S E31-E89  
 E E31+ALL  
 L37 58078 S E2,E1+NT  
 L38 27362 S E25+NT OR E27+NT OR E30+NT OR E31+NT  
 L39 830 S E26  
 L40 142369 S COSMETIC#/SC,SX  
 L41 149 S L16 AND L36-L40  
 L42 935 S L16 AND PHARMACEUT?/SC,SX  
 E SKIN/CT  
 E E3+ALL  
 L43 6 S L16 AND E4+NT  
 L44 8 S L16 AND (E36+NT OR E37+NT OR E29+NT)

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      E 35+ALL
      E SKIN, DISEASE/CT
      E E3+ALL
L45      16 S L16 AND E4,E5,E3+NT
      E E148+AL
      E E3+ALL
L46      8 S L16 AND E3+NT
      E E16+ALL
L47      1 S L16 AND E3
L48      7 S L16 AND (E7+NT OR E8+NT)
L49      1608 S L32-L35,L41-L48
L50      263 S L49 AND L17
L51      53 S L49 AND (?CROSSLINK? OR ?CROSS LINK?)
L52      9 S L19-L25 AND L49
L53      53 S L51,L52
L54      37 S L53 NOT L27
L55      14 S L54 AND (VERY LIGHTLY OR NONMIGRAT? OR PREGELATIN? OR CANE JU
      SEL DN AN 10 12 13
L56      11 S L55 NOT E1-E9
L57      25 S L31,L35,L56
L58      247 S L50 NOT L27,L51-L57
      SEL DN AN L58 1 3 7 9 11 14 18 23-25 31 37 45 47 49 54 57 58 60
L59      58 S L58 AND E10-E179
L60      83 S L57,L59
      E CHOWDHARY M/AU
L61      30 S E3-E12
      E ECONOMY MUD/PA,CS
L62      3 S E5,E6
      E EC MUD/PA,CS
      E ECO MUD/PA,CS
      E ECON MUD/PA,CS
      E ECONO MUD/PA,CS
      E ECONOM MUD/PA,CS
L63      2 S L61,L62 AND L3-L8
L64      3 S L61 AND L62
L65      25 S L61 NOT L63,L64
      SEL DN AN L65 8
L66      1 S E1-E3
L67      89 S L60,L63,L64,L66 AND L3-L66
L68      65 S L67 AND L3,L4
L69      24 S L67 NOT L68
L70      5 S L69 AND L61-L66
L71      70 S L68,L70
L72      19 S L67 NOT L71

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FILE 'REGISTRY' ENTERED AT 09:15:03 ON 07 MAY 2003

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 09:15:14 ON 07 MAY 2003

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